

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	64	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-4198629-\$ or US-5812105-\$ or US-6717559-\$ or US-4017847-\$ or US-5959413-\$ or US-4355308-\$ or US-3796951-\$ or US-4065716-\$ or US-3969672-\$ or US-6038153-\$ or US-5313141-\$).did. or (US-3157822-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/19 15:37

L2	30	I1 and current source	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/02/19 15:37
S1	4606	345/38.ccls. or 345/82-84. ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 14:36
S2	2	"US 20060197722"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/04/22 14:45
S3	106	S1 and constant current circuit	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:06
S4	3	("6422723"   "6466188"   "6791283").PN. OR ("7265681").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:07
S5	10	("20020140379"   "20040046673"   "4298869"   "4717868"   "5598068"   "6040663"   "6078148"   "6441558"   "6570505"   "6798152"). PN. OR ("6989807"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:08
S6	8	("4538507"   "5593788"   "5886474"   "5965901"   "6043510"   "6097139"). PN. OR ("6316879"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:11
S7	0	("2005/0179629").URPN.	USPAT	ADJ	ON	2008/04/22 15:14
S8	271	S1 and constant current and red and green and blue	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:33
S9	37	S1 and constant current with resistor and red and green and blue	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:33
S10	0	S1 and led with paralell resistor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:35
S11	3	S1 and led with parallel resistor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:35
S12	4	S1 and led same parallel resistor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 15:36
S13	7	("20020180490"   "20030151374"   "20040085025"   "20040155840"   "20050024300"   "6586888"   "6756738"). PN. OR ("7026766"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:14
S14	4606	345/38.ccls. or 345/82-84. ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:23

S15	4606	S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:23
S16	0	S15 and resistor circuit with (led and transistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:24
S17	1	S15 and resistor circuit with (led)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:25
S18	90	S15 and resistor with (led and transistor )	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:26
S19	90	S15 and resistor with (led and transistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:27
S20	5	("20040195978"   "6116512"   "6486726"   "6680834"   "6731871"). PN. OR ("6995518"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:36
S21	12	("5384457"   "5909139"   "5933441"   "6356469"   "6359392").PN. OR ("6486726").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 09:38
S22	80	("4298869"   "4348616"). PN. OR ("4420711"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 11:11
S25	4606	345/38.ccls. or 345/82-84. ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 11:22
S26	4606	S25	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 11:22
S27	3	S26 and series led with transistor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 11:22
S28	7	S26 and led with series transistor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 11:25
S29	78	("4420711").URPN.	USPAT	ADJ	ON	2008/04/23 12:38
S30	80	("4298869"   "4348616"). PN. OR ("4420711"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 12:38
S31	4606	345/38.ccls. or 345/82-84. ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 15:51
S32	23	S31 and series connected led	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 15:52
S33	5	S31 and led and current path with (resistor and transistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 15:55
S34	181	S31 and led and current with (resistor and transistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 15:57

S35	15	("20020047606"   "20020048177"   "4580196"   "5313187"   "5608290"   "5608339"   "5929568"   "5939839"   "5959413"   "6203180"   "6323598"   "6422723"). PN. OR ("6670776"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 15:57
S36	17	("4198629"   "4717868"). PN. OR ("5959413"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 16:24
S37	30	S31 and led and (red and blue and green) and constant current circuit	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 16:34
S38	0	S31 and led and (red and blue and green) and multiplex current source	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 16:43
S39	124	S31 and led and (red and blue and green) and resistor with current	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 16:43
S40	62	S31 and led and (red and blue and green) and (resistor and transistor) with current	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 16:44
S41	1	"20020145041"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 16:50
S42	6	US-20020048177-\$.DID. OR US-20030107887-\$. DID. OR US-20040036418- \$.DID. OR US-5459328-\$. DID. OR US-6194839-\$. DID. OR US-6201353-\$. DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 16:51
S43	56	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 17:36

		\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-4198629-\$ or US-5812105-\$ or US-6717559-\$).did. or (US-3157822-\$).did.				
S44	15	S43 and (red or green or blue) and constant current	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 17:36
S45	56	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 08:46

		6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-4198629-\$ or US-5812105-\$ or US-6717559-\$).did. or (US-3157822-\$).did.				
S46	30	S45 and constant current	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 08:46
S47	30	S45 and constant current and (resistor or resistance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 08:56
S48	1	"6992663".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 09:32
S49	1	"6992663".pn. and (resistor or resistance)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 09:32
S50	1	"4198629".pn. and constant current	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 09:46
S51	0	("2005/0093792").URPN.	USPAT	ADJ	ON	2008/04/24 10:16
S52	12	("4823121"   "5134387"   "5184114").PN. OR ("5426446").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 10:20
S53	80	("4298869"   "4348616"). PN. OR ("4420711"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 10:26
S54	3	"4417240".pn. or "6670776".pn. or "4198629".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 10:40
S55	22	("3681619"   "4017847"   "4064506"   "4103246"   "4117416"   "4117417"   "4119924"   "4160944"   "4177392"   "4234805"   "4289977"   "4291242"). PN. OR ("4417240"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 10:40
S56	15	("20020047606"   "20020048177"   "4580196"   "5313187"   "5608290"   "5608339"   "5929568"   "5939839"   "5959413"   "6203180"   "6323598"   "6422723"). PN. OR ("6670776"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 10:43

S57	12	("3146436"   "4017847"   "4052842").PN. OR ("4198629").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 10:45
S58	59	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-4198629-\$ or US-5812105-\$ or US-6717559-\$ or US-4017847-\$ or US-5959413-\$ or US-4355308-\$).did. or (US-3157822-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 11:02
S59	32	S58 and constant current	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 11:02

S60	59	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-4198629-\$ or US-5812105-\$ or US-6717559-\$ or US-4017847-\$ or US-5959413-\$ or US-4355308-\$).did. or (US-3157822-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 17:40
S61	16	S60 and (red or green or blue) and constant current	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 17:40
S62	11	S60 and constant current source	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 17:45
S63	0	S60 and second constant current source	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 17:45
S64	6	S60 and (equal or similar) with voltage drop	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:12
S65	47	S60 and voltage with resistor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:13



S66	19	S60 and voltage drop with resistor	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:14
S67	18	S60 and (resistor or resistance) value	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:28
S68	0	S60 and (switched resistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:41
S69	4609	345/38.ccls. or 345/82-84.ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:41
S70	2	S69 and (switched resistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:41
S71	244	S69 and (switch with resistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:42
S72	81	S69 and (switch with resistor) and led	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/24 18:42
S73	59	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 09:37

		4198629-\$ or US-5812105-\$ or US-6717559-\$ or US-4017847-\$ or US-5959413-\$ or US-4355308-\$).did. or (US-3157822-\$).did.				
S74	14	S73 and zener and diode	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 09:37
S75	2	S73 and zener diode with output	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 09:46
S76	4609	345/38.ccls. or 345/82-84.ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:08
S77	14	S76 and zener diode with led	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:08
S78	7	S76 and constant voltage diode	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:15
S79	2	("6473064").PN. OR ("6894436").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:19
S80	0	S79 and zener	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:20
S81	36	S76 and zener and led	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:20
S82	138	S76 and zener	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:25
S83	59	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:36

		5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-4198629-\$ or US-5812105-\$ or US-6717559-\$ or US-4017847-\$ or US-5959413-\$ or US-4355308-\$).did. or (US-3157822-\$).did.				
S84	59	(US-20040046673-\$ or US-20030141823-\$ or US-20030184237-\$ or US-20030151374-\$ or US-20020180490-\$ or US-20060022918-\$ or US-20050093792-\$ or US-20020048177-\$ or US-20020145041-\$ or US-20040036418-\$ or US-20050007320-\$).did. or (US-6791283-\$ or US-6466188-\$ or US-6422723-\$ or US-6040663-\$ or US-4298869-\$ or US-4717868-\$ or US-6798152-\$ or US-5598068-\$ or US-6501449-\$ or US-6316879-\$ or US-6628252-\$ or US-7315095-\$ or US-6870553-\$ or US-6747417-\$ or US-6992663-\$ or US-6121943-\$ or US-6229266-\$ or US-6580222-\$ or US-6586888-\$ or US-6376994-\$ or US-4417240-\$ or US-5929943-\$ or US-6583791-\$ or US-6618031-\$ or US-5771286-\$ or US-6680834-\$).did. or (US-5933441-\$ or US-5384457-\$ or US-6097360-\$ or US-6950079-\$ or US-6400349-\$ or US-4743897-\$ or US-4420711-\$ or US-5426446-\$ or US-5966110-\$ or US-6806659-\$ or US-4887074-\$ or US-6320322-\$ or US-7038399-\$ or US-6737814-\$ or US-6670776-\$ or US-4198629-\$ or US-5812105-\$ or US-6717559-\$ or US-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:37

		4017847-\$ or US-5959413-\$ or US-4355308-\$).did. or (US-3157822-\$).did.				
S85	25	S84 and (green or blue)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:37
S86	13	("4420711"   "5625201"   "5703436"   "5707745"   "5748161"   "5757026"   "5959413"   "6011355"). PN. OR ("6320322"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:40
S87	9	S76 and (first led with (green or blue))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 10:59
S88	404	nakamura.in. and nec.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 11:16
S89	7	nakamura-mitsuyuki.in. and nec.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 11:17
S90	0	mitsuyuki-nakamura.in. and nec.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 11:17
S91	8	mitsuyuki.in. and nec.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 11:17
S92	9	nakamura-mitsuyuki.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 11:18
S93	0	mitsuyuki-nakamura.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/25 11:19
S94	1	"05067810"	DERWENT	ADJ	ON	2008/04/25 12:21
S95	1	1993-130040.NRAN.	DERWENT	ADJ	ON	2008/04/25 12:21
S96	1	1993-130040.NRAN.	DERWENT	ADJ	ON	2008/04/25 12:21
S97	1	"20020047593"	DERWENT	ADJ	ON	2008/04/25 12:22
S98	1	2003-147233.NRAN.	DERWENT	ADJ	ON	2008/04/25 12:22
S99	0	345/39.ccls. or 345/35.ccls. or 345/77.ccls.	DERWENT	ADJ	ON	2008/04/26 10:17
S100	0	345/39.ccls.	DERWENT	ADJ	ON	2008/04/26 10:18
S101	4609	345/38.ccls. or 345/82-84.ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 10:18
S102	910	345/39.ccls. or 345/77.ccls. or 345/35.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 10:18
S103	5224	S101 or S102	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 10:19
S104	59	S102 and constant current and led	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 10:23

S105	0	S102 and (spdt or spst)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:06
S106	5	S101 and (spdt or spst)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:06
S107	21	S101 and (single pole)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:08
S108	0	spdt replaced with (spst)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:14
S109	295	spdt with (spst)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:14
S110	77	spdt with (spst) and (replace or substitute)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:14
S111	1	"5313141".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:42
S112	3358	"5313141".pn. and pole or spdt	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:42
S113	1	"5313141".pn. and pole	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/26 11:42
S114	1	"2005067810" or "5313141".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/04 12:40
S115	3	"20050067810" or "5313141".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/04 12:41
S116	4941	345/38.ccls. or 345/82-84. ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/04 13:55
S117	4941	345/38.ccls. or 345/82-84. ccls. or 315/169.3.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/04 13:55
S118	4941	S117	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/04 13:55
S119	100	S118 and resistor with (led and transistor)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/04 13:55

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